

REPORT OF THE TRUSTEES  
OF THE  
MASSACHUSETTS  
HOSPITAL FOR EPILEPTICS

(POST-OFFICE AND RAILROAD STATION, PALMER)

FOR THE

YEAR ENDING SEPTEMBER 30, 1899.

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BOSTON:  
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,  
18 POST OFFICE SQUARE.  
1900.



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STATE HOUSE BOSTON

*Mass Official*

MASS. STATE  
TO  
ATTORNEY GENERAL

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1899  
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OFFICERS  
OF THE  
MASSACHUSETTS HOSPITAL FOR EPILEPTICS.

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TRUSTEES.

WILLIAM N. BULLARD, M.D.,	<i>Chairman,</i>	.	.	.	BOSTON.
ALBERT C. GETCHELL, M.D.,	<i>Secretary,</i>	.	.	.	WORCESTER.
BURNHAM R. BENNER, M.D.,	.	.	.	.	LOWELL.
ADELAIDE A. CALKINS,	.	.	.	.	SPRINGFIELD.
CHARLES A. CLOUGH,	.	.	.	.	BOSTON.
HENRY M. PHILLIPS,	.	.	.	.	SPRINGFIELD.
MABEL W. STEDMAN,	.	.	.	.	BOSTON.

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RESIDENT OFFICERS.

EVERETT FLOOD, M.D.,	.	.	.	.	<i>Superintendent.</i>
ARTHUR O. MORTON, M.D.,	.	.	.	}	<i>Assistant Physician and Pharmacist.</i>
MORGAN B. HODSKINS, M.D.,	.	.	.		
LILLIAN M. KINCAID,	.	.	.	.	<i>Clerk.</i>
MARGARET M. McCAUGHAN,	.	.	.	.	<i>Stenographer.</i>
CHARLES F. SIMONDS,	.	.	.	.	<i>Steward and Storekeeper.</i>
GEORGE E. BATES,	.	.	.	.	<i>Engineer.</i>
J. W. WILLIAMS,	.	.	.	.	<i>Farmer.</i>

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TREASURER.

CHARLES B. FISKE,	.	.	.	.	.	.	PALMER.
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OFFICE AT THE HOSPITAL.



# Commonwealth of Massachusetts.

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## TRUSTEES' REPORT.

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*To His Excellency the Governor and the Honorable Council.*

The trustees of the Massachusetts Hospital for Epileptics present, herewith, their report for the year ending Sept. 30, 1899.

This has been the first year during the whole of which the hospital has been in active operation; much, therefore, has been necessary in the way of preparation and arrangement of detail, as must be the case in any new institution. Moreover, this work has been considerably delayed and hindered by the untimely resignation of our superintendent. In spite of this, the year has been one of marked progress, and the condition of the institution seems to us satisfactory, on the whole.

It is with the deepest regret that the Board recalls its loss in the death of one of its members, the Hon. William S. Hyde of Ware. He had been a member of the Board almost from its creation, and had been associated with all its important work. He was a man of broad interests, and of such sound judgment in matters of business that the Board was able to place the most complete reliance on his opinion. He was always most attentive to his duties in relation to the hospital, and gave freely and ungrudgingly of his time whenever the interests of the institution demanded it.

The following testimonial to his memory was adopted by the Board at the meeting in July: —

Since the last meeting of the Board we have learned with sorrow of the death of our friend and associate, William S. Hyde. Some of us knew of his illness, but his death was a painful shock to all. Per-

sonally, we feel we have lost a friend, and collectively, a valued counsellor and co-worker. We desire to give expression to our feeling at this loss, and our estimate of him as a man.

Mr. Hyde was held by his fellow trustees in the highest regard for his excellent ability as a counsellor, his sound accomplishments and helpful experience in affairs of business. He was ever ready to respond to all the obligations of his position, and took a thoughtful and unselfish interest in the working of the hospital. He was of a kindly, charitable disposition, and his genial nature inspired a warm attachment, which, now that he is parted from us, has left a pleasant and tender memory.

We shall miss his friendly presence, and the respectful affection which we felt for him quickens our sympathy for his bereaved family.

It is the vote of the Board that this tribute to the memory of Mr. Hyde be written in the records and a copy sent to his family.

The vacancy in the Board, caused by the death of Mr. Hyde, was filled in June by the appointment of Col. Henry M. Phillips of Springfield as trustee.

In April the superintendent, Dr. Owen Copp, presented his resignation, in order to accept the position of executive officer of the State Board of Insanity. He was the first appointee of the institution, had been connected with it from the earliest stages, and under his care, supervision and direction it had been built, established and brought essentially to its present condition. His loss was consequently a very serious one, and temporarily crippled and delayed the progress of our work. Dr. Copp was a most excellent officer, a man of unusual executive ability and administrative skill, and held, personally, the most pleasant relations with the Board. As his successor was appointed Dr. Everett Flood, who was then superintendent of the hospital cottages for children at Baldwinville. He assumed the position of superintendent in the latter part of June, on the retirement of Dr. Copp.

In June the assistant physician, Dr. Edgar J. Spratling, resigned, as did also the interne, Dr. Leo Tobias. An acting assistant physician, Dr. Edmund R. P. Fourtin, assisted the new superintendent temporarily. At the present time we have two acting internes, Dr. Arthur O. Morton and Dr. Morgan B. Hodskins, who are satisfactorily accomplishing the work under the direct supervision of the superintendent.



During the year the main work of the institution has been the care and treatment of the patients, of which the number has always taxed and at times exceeded the accommodations provided. Much has been done by them in grading the grounds about the buildings and improving their general appearance.

Owing to the change in superintendents, and for other reasons, it has not been found advisable to hasten in the construction of the new buildings, for which money was appropriated by the last Legislature. The high price of building materials at the present time has furnished one reason for not pressing work. Plans for these buildings are now being matured, and it is possible that some foundations may be laid this autumn.

A small wooden cottage, which was on the place at the time when the property was transferred to the trustees of this institution, has been remodelled and is now nearly ready for occupation. It will furnish accommodation for 20 male patients, who do not need constant supervision. In memory of Mr. Hyde it has been named the Hyde cottage.

Workshops have been arranged and furnished, and several patients now find in them pleasant and profitable occupation in woodworking, shoemaking, tailoring, printing and cane-seating. The carpenter's shop has been provided with suitable machinery.

Information of much value and interest is gradually being collected in relation to the best methods of care, occupation and treatment of the class of persons who are admitted to this institution, and we hope later to be able to make practical use of this for the public benefit.

Many needs are pressing upon the institution, but under the present conditions, when such high prices prevail, we only press our request for the following three appropriations; the special need of which is more fully explained in the superintendent's report: —

Current expense appropriation, . . . . .	\$15,000
Boiler house and boilers appropriation, . . . . .	25,000
Stone quarry appropriation, . . . . .	450

WILLIAM N. BULLARD, M.D., *Chairman,*

ALBERT C. GETCHELL, M.D., *Secretary,*

*For the Board of Trustees.*

## REPORT OF THE SUPERINTENDENT.

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*To the Trustees of the Massachusetts Hospital for Epileptics.*

It devolves upon me to make a report of some of the events of the last year, not only covering the short time of my own residence here, but the nine months of Dr. Copp's superintendency. This I shall of necessity do somewhat crudely, but I hope to bring forward all the essential points, so far as their presentation rests with me.

I offer the following tabulation of admissions, discharges, etc. : —

Number of patients Sept. 30, 1898,	.	.	.	.	.	.	.	.	200
Since admitted : —									
Sane,	.	.	.	.	.	.	.	.	78
Insane,	.	.	.	.	.	.	.	.	24
Discharged and on visit : —									
Sane. — Much improved,	.	.	.	.	.	.	.	.	3
Improved,	.	.	.	.	.	.	.	.	16
Not improved,	.	.	.	.	.	.	.	.	6
Died,	.	.	.	.	.	.	.	.	1
On visit,	.	.	.	.	.	.	.	.	3
									<hr/> 29
Insane. — Much improved,	.	.	.	.	.	.	.	.	2
Improved,	.	.	.	.	.	.	.	.	5
Not improved,	.	.	.	.	.	.	.	.	31
Died,	.	.	.	.	.	.	.	.	16
Not epileptic,	.	.	.	.	.	.	.	.	1
On visit,	.	.	.	.	.	.	.	.	2
									<hr/> 57
Number of patients remaining Sept. 30, 1899,	.	.	.	.	.	.	.	.	216
Daily average of patients,	.	.	.	.	.	.	.	.	206.43
Per capita cost (per week),	.	.	.	.	.	.	.	.	\$4 50

One transfer of patients has been made from this institution to the Worcester Asylum, and conditions are rapidly returning when another would seem to be imperative. With the opening of Hyde cottage this date will be deferred more or less, but

admissions are so frequent that occasional transfers will be necessary until new buildings are completed.

An enumeration of some of the work completed or undertaken is as follows : —

Grading has been carried on very successfully, though a large amount still remains to be done.

The completion of Hyde cottage and naming it in memory of the late Mr. Hyde are matters of much moment.

The construction of an industrial room, by adding an extra story to the carpenter's shop, furnishes a most useful place for the occupation of twelve or more patients.

The purchase of machinery for the carpenter's shop, provided for by an appropriation of last winter, has been completed.

The laboratory work, now well begun, is going on satisfactorily. The plan for records has been still further carried out, and combines the case book and envelopes.

A small greenhouse for starting early vegetables has been constructed.

The great quantity of farm produce indicates the possibilities in this direction. Over 2,500 quarts of canned goods and preserves have been put up by the several kitchens, and these are now all in stock, ready for the winter's use. The following partial list will give an idea of the farm's productiveness : —

*Farm Products.*

87,096 quarts milk.	151 $\frac{3}{4}$ bushels tomatoes.
2,073 $\frac{1}{4}$ pounds rhubarb.	150 barrels apples.
5,059 pounds winter squash.	327 bushels onions.
1,200 bushels potatoes.	99 $\frac{3}{4}$ pounds asparagus.
3,458 pounds pork.	400 bushels turnips.
507 quarts strawberries.	139 $\frac{3}{4}$ pounds chickens.

The year's test of the sewage and water system has proved them both to be of remarkable efficiency. We should certainly feel that great wisdom and foresight have been exhibited in the construction of these fundamentals.

Since the last report the uncertainty as to the age of patients has been removed by an act of the Legislature, and the law now prescribes that persons of fourteen years of age or over may be admitted.

Special attention is being given to the dietary in the lines already marked out, and good results are observed.

*Patients Working.*

	Males.	Females.
Grading, . . . . .	15	-
Industrial building: —		
Chair-seating, . . . . .	1	-
Printing, . . . . .	2	-
Tailoring, cutting, . . . . .	1	-
Tailoring, sewing, . . . . .	3	2
Cobbling, . . . . .	1	-
Wood carving, . . . . .	1	-
Jobbing, . . . . .	1	-
Kitchens, . . . . .	6	7
Farm, . . . . .	14	-
Laundry, . . . . .	-	17
With yard man, . . . . .	2	-
Stone, . . . . .	12	-
Painting, . . . . .	2	-
On roads, . . . . .	2	-
Stable, . . . . .	1	-
Barn, . . . . .	3	-
Sewing room, . . . . .	-	15
Ward work, . . . . .	10	20
Administration building, . . . . .	-	4
Laboratory, . . . . .	1	-
Clerical, . . . . .	1	-
Spinning, . . . . .	-	1
Weaving, . . . . .	-	1
Totals, . . . . .	79	67

Some new industries have been established for patients. At times a larger group of women is employed in the kitchen for an hour or two when there is a large amount of vegetables to prepare. Several men work entirely without supervision.

While this large number of persons is induced to go to their work very regularly, the product of such labor is not in proportion to the number engaged. Nearly all these workers go out to their various places about 8 or 8.30 and return as early as 11.30. Some are able to work only half days at a time. Those who attend school, on rainy days do not generally do any work except their school work. For many such reasons the actual returns to us are less than would be indicated by the large number employed; but the result to the patient is what we mainly seek, and this is encouraging.

The plan for the management of Hyde cottage is to model,



as far as the conditions are the same, after one of the Bielefeld cottages. Patients are to be trusted, and attendance dispensed with, as far as possible. They will live under suitable restrictions, just as every law-abiding citizen must, but will be given every privilege that their mental state will allow.

An effort has been made to learn the number of epileptic persons in Hampden County. The assistance of the practicing physicians in the various communities has been freely afforded us, and we hope, also, by personal inquiry to obtain accurate facts as to the proportion of persons manifesting these symptoms. Later on a detailed account of special cases, now in the community and in hospitals, will be tabulated, and some useful results are expected.

Gifts to the hospital have been by the following donors : —

Books : Dr. B. R. Benner, Mrs. Mary Newcomb, Mrs. Samuel Overend, Mr. Sidney George Fisher, Mr. C. A. LeGro, Mrs. George Ezekiel.

Magazines, etc. : Miss Loomis, Missionary Committee Y. P. S. C. E. Second Congregational Church, Palmer, Mrs. W. H. Hitchcock, Dr. Bryant, Mr. George Ezekiel, Mr. C. A. LeGro, Mrs. Geo. Ezekiel.

Worsted : Mrs. Mabel W. Stedman.

Cloth and plants : Mrs. Samuel Overend.

All building material has advanced in price, but we believe that by making extra effort with our own labor and with the advantage that owning a stone quarry will bring, we shall be able to abide by the conditions of our appropriations. The present proposition is to go on with the plans and adapt and perfect them, do the excavating, build foundations, and then let contracts for buildings. Our expectation is to be able to provide the buildings specified by the last Legislature for the sum appropriated. We have no disposition to ask a further grant for this purpose.

An appropriation of \$20,000 was granted by the last Legislature for current expense ; of this, only \$15,000 will probably be expended up to the first of October, and it looks as if we may not need to use all of the last \$5,000 ; so that, in making an estimate of current expense appropriation for next year, we must take this into consideration.

The stone quarry on the hill, in the rear of our buildings, is for sale, and we should secure it, as the building material is convenient and suitable and will be very useful.

The present boiler plant is not adequate to the work, as three of the boilers are old and must be renewed. We can use them to good advantage for a year or two, but need immediately to be able to connect on a new and large boiler to insure good results for all weather, and to give us reserve in case of a boiler needing repairs. We certainly should take every forethought possible to insure our getting a new boiler house under way next season, and to provide means for at least one new boiler.

My view of the appropriations required for the coming year, based upon careful personal study of the situation and corroborated by a competent engineer, is as follows : —

Estimate for boiler room (two boilers),	.	.	.	.	\$25,000
Estimate for current expense,	.	.	.	.	15,000
Stone quarry,	.	.	.	.	450

EVERETT FLOOD,

*Superintendent.*

## TREASURER'S REPORT.

---

*To the Trustees of the Massachusetts Hospital for Epileptics.*

I respectfully submit herewith the following report of the finances of this institution for the year ending Sept. 30, 1899 ;

### ASSETS.

Real estate, . . . . .	\$23,013 00	
New buildings, . . . . .	84,000 00	
Old buildings, . . . . .	37,470 24	
Water and sewerage systems, . . . . .	30,200 00	
		<hr/>
		\$174,683 24
Personal estate :—		
Live stock on the farm, . . . . .	\$4,870 00	
Produce of the farm on hand, . . . . .	4,804 50	
Carriages and agricultural implements, . . . . .	2,749 15	
Machinery and mechanical fixtures, . . . . .	20,650 78	
Beds and bedding in inmates' department, . . . . .	3,446 91	
Other furniture in inmates' department, . . . . .	4,647 89	
Personal property of State in administration		
building and employees' cottage, . . . . .	6,642 35	
Ready-made clothing, . . . . .	817 44	
Dry goods, . . . . .	823 60	
Provisions and groceries, . . . . .	1,770 87	
Drugs and medicines, . . . . .	1,140 80	
Fuel, . . . . .	3,332 00	
Library, . . . . .	575 00	
Other supplies undistributed, . . . . .	5,324 05	
		<hr/>
		\$61,595 34

### RECEIPTS.

Cash on hand Oct. 1, 1898, . . . . .		\$1,824 37
Received from State appropriation for present year, . . . . .	\$12,983 27	
Received from State appropriation for 1898, . . . . .	10,308 82	
Received from State appropriation 1895 for building, . . . . .	5,872 67	
Received from State appropriation for furnishing and equipping, . . . . .	2,230 00	
		<hr/>
<i>Amounts carried forward, . . . . .</i>	\$31,394 76	\$1,824 37

<i>Amounts brought forward,</i>	\$31,394 76	\$1,824 37
Received from State appropriation 1899 for improvement, inside painting,	6 86	
Received from State appropriation 1899 for equipping workroom,	54 44	
Total from appropriations,		31,456 06
Received from State for board of patients,	\$10,894 05	
Received from towns for board of patients,	20,825 25	
Received from individuals for board of patients,	2,042 21	
Received from farm and farm produce,	820 08	
Received from patients for safe keeping,	294 48	
Received from all other sources,	211 59	
		35,087 66
Total receipts,		\$68,368 09

## EXPENDITURES.

Salaries, wages and labor,	\$22,162 94
Provisions and supplies:—	
Meat,	\$2,777 22
Fish,	393 54
Fruit and vegetables,	399 68
Flour,	1,789 93
Grain and meal for table,	240 90
Grain and meal for stock,	1,755 30
Tea, coffee and chocolate,	218 28
Sugar and molasses,	911 49
Milk, butter and cheese,	1,804 69
Salt and other groceries,	558 59
All other provisions,	1,009 05
	11,858 67
Clothing,	1,525 62
Fuel and lights,	3,563 69
Medicine and medical supplies,	787 71
Furniture, beds and bedding,	593 71
Transportation,	610 68
Ordinary repairs,	1,776 69
Expenses of superintendent and trustees,	385 60
All other current expenses,	5,186 21
Total current expenditures,	\$48,451 52
Paid to patients,	349 72
Paid on account of patients,	21 80
Repairs and other extraordinary expenditures,	8,163 97
Total expenditures,	\$56,987 01
Cash on hand Sept. 30, 1899,	11,381 08
	\$68,368 09



*Statement of Appropriations.*

APPROPRIATION.	AMOUNT.	Expended previously.	Expended this Year.	Balance available.
Appropriation 1895, for buildings, . . .	\$180,000 00	\$148,207 09	\$5,872 67	\$5,920 24
Furnishing and equipping, . . . . .	22,750 00	20,510 00	2,230 00	-
Current expense, 1898, . . . . .	25,000 00	14,691 08	10,308 82	-
Current expense, 1899, . . . . .	20,000 00	-	12,983 27	7,016 73
Appropriation 1899, for furnishing cottage,	1,100 00	-	-	1,100 00
1899, for inside painting, . . . . .	500 00	-	6 86	493 14
1899, for machinery, . . . . .	750 00	-	-	750 00
1899, for equipping work- room, . . . . .	500 00	-	54 44	445 56
1899, for infirmary building, . . . . .	75,000 00	-	-	75,000 00
1899, for cottage, . . . . .	10,000 00	-	-	10,000 00
Totals, . . . . .	\$315,600 00	\$183,408 17	\$31,456 06	\$100,725 67

## RESOURCES.

Cash on hand, . . . . .	\$11,381 08
Bills receivable for board, . . . . .	9,371 43
Unexpended appropriations available, . . . . .	100,725 67
	<hr/>
	\$121,478 18

## LIABILITIES.

Salaries unpaid, . . . . .	\$1,950 19
Miscellaneous bills, . . . . .	649 95
Money due patients, . . . . .	205 53
	<hr/>
	2,805 67
Balance, . . . . .	\$118,672 51
Taking the total current expenditures, . . . . .	\$48,451 52
And dividing this by the average number of patients (206.43),	
we have the average annual cost per patient, . . . . .	234 71
Equivalent to an average weekly cost of . . . . .	4 50

CHAS. B. FISKE,

*Treasurer.*

We have examined the foregoing statement, and believe it to be correct.

CHAS. A. CLOUGH,

BURNHAM R. BENNER,

*Auditing Committee for the Trustees.*



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# STATISTICAL TABLES.

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*1. — General Statistics for the Year.*

	INSANE.			SANE.			AGGREGATE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Patients in hospital Oct. 1, 1898, . . . . .	82	89	171	14	15	29	96	104	200
Admitted within the year, . . . . .	20	4	24	46	32	78	66	36	102
Whole number of cases within the year, . . . . .	102	93	195	60	47	107	162	140	302
Discharged within the year, including visits, . . . . .	35	22	57	18	11	29	53	33	86
as recovered, . . . . .	—	—	—	—	—	—	—	—	—
as much improved, . . . . .	2	—	2	2	1	3	4	1	5
as improved, . . . . .	2	3	5	9	7	16	11	10	21
as not improved, . . . . .	19	12	31	4.	2	6	23	14	37
as not epileptic, . . . . .	1	—	1	—	—	—	1	—	1
Deaths, . . . . .	10	6	16	1	—	1	11	6	17
Visits, . . . . .	1	1	2	2	1	3	3	2	5
Patients remaining Sept. 30, 1899, . . . . .	67	71	138	42	36	78	109	107	216
Viz : State patients, . . . . .	—	—	—	—	—	—	43	37	80
town patients, . . . . .	—	—	—	—	—	—	60	66	126
private patients, . . . . .	—	—	—	—	—	—	6	4	10
Number of different persons within the year, . . . . .	102	93	195	59	46	105	161	139	300
Number of different persons admitted within the year, . . . . .	20	4	24	45	32	77	65	36	101
Persons recovered, . . . . .	—	—	—	—	—	—	—	—	—
Daily average number of patients, . . . . .	—	—	—	—	—	—	105.77	100.66	206.43
Viz : State patients, . . . . .	—	—	—	—	—	—	35.76	30.10	65.86
town patients, . . . . .	—	—	—	—	—	—	63.18	68.19	131.37
private patients, . . . . .	—	—	—	—	—	—	6.83	2.37	9.20

2. — *Monthly Admissions, Discharges and Averages.*

MONTHS.	ADMISSIONS.			DISCHARGES.			DEATHS.			DAILY AVERAGE OF PATIENTS IN THE HOSPITAL.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
<b>1898.</b>												
October, . . . . .	9	2	11	3	2	5	2	1	3	98.35	101.45	199.80
November, . . . . .	5	3	8	6	5	11	1	1	2	97.93	100.50	198.43
December, . . . . .	8	1	9	—	4	4	—	—	—	103.74	97.97	201.71
<b>1899.</b>												
January, . . . . .	4	1	5	—	—	—	—	1	1	108.13	96.74	204.87
February, . . . . .	4	5	9	—	—	—	—	—	—	110.39	99.89	210.28
March, . . . . .	5	3	8	2	1	3	—	—	—	113.77	102.26	216.03
April, . . . . .	7	3	10	4	2	6	1	1	2	116.16	102.27	218.43
May, . . . . .	4	5	9	19	7	26	2	1	3	101.55	100.77	202.32
June, . . . . .	2	2	4	—	2	2	—	1	1	102.47	100.43	202.90
July, . . . . .	4	2	6	1	2	3	1	—	1	105.00	99.10	204.10
August, . . . . .	6	4	10	2	—	2	2	—	2	104.06	102.55	206.61
September, . . . . .	8	5	13	5	2	7	2	—	2	107.77	103.96	211.73
Total of cases, . . . . .	66	36	102	42	27	69	11	6	17	—	—	—
Total of persons, . . . . .	65	36	101	42	27	69	11	6	17	—	—	—
Daily average, . . . . .	—	—	—	—	—	—	—	—	—	105.77	100.66	206.43

3. — *Received on First and Subsequent Admissions.*

NUMBER OF THE ADMISSION.	CASES ADMITTED.		
	Males.	Females.	Totals.
First, . . . . .	65	35	100
Second, . . . . .	1	1	2
Total of cases, . . . . .	66	36	102
Total of persons, . . . . .	65	36	101

4. — *Relations to Hospitals of Cases admitted.*

HOSPITAL RELATIONS.	Males.	Females.	Totals.
Inmates of this hospital only, . . .	49	32	81
Former inmates of this hospital only, .	1	1	2
Former inmates of other hospitals:—			
Boston Insane Hospital, . . .	1	—	1
Danvers Insane Hospital, . . .	1	—	1
Hospital Cottages for Children, .	4	1	5
Northampton Insane Hospital, .	1	—	1
State Almshouse, . . . . .	2	1	3
Taunton Insane Hospital, . . .	3	—	3
Worcester Insane Hospital and Hos- pital Cottages for Children.	2	—	2
Worcester Insane Hospital, . . .	2	—	2
Worcester Insane Asylum, . . .	—	1	1
Total of cases, . . . . .	66	36	102
Total of persons, . . . . .	65	36	101

5. — *Nativity and Parentage of Persons admitted.*

PLACES OF NATIVITY.	MALES.			FEMALES.			TOTALS.		
	Patient.	Father.	Mother.	Patient.	Father.	Mother.	Patient.	Father.	Mother.
Massachusetts, . .	40	11	10	22	8	2	62	18	12
Other States : —									
Connecticut, . .	2	2	2	4	1	1	6	3	3
Maine, . . . .	4	4	2	1	—	2	5	4	4
New Hampshire, .	3	1	2	—	—	1	3	1	3
New York, . . .	2	1	3	—	1	—	2	2	3
Rhode Island, . .	1	1	—	—	1	—	1	2	—
Vermont, . . .	2	2	1	—	—	—	2	2	1
Wisconsin, . . .	—	—	—	2	—	—	2	—	—
Other countries : —									
Australia, . . .	1	—	—	—	—	—	1	—	—
Canada, . . . .	2	1	1	3	4	2	5	5	3
England, . . . .	1	2	3	1	1	2	2	3	5
Germany, . . . .	2	3	3	2	1	2	4	4	5
Ireland, . . . .	1	10	10	1	8	12	2	18	22
Russia, . . . .	1	1	1	—	1	1	1	2	2
Scotland, . . . .	—	1	1	—	1	—	—	2	1
Wales, . . . . .	—	1	1	—	—	—	—	1	1
Unknown, . . . .	3	25	25	—	9	11	3	34	36
Totals, . . . . .	65	65	65	36	36	36	101	101	101



6. — *Residence of Persons admitted.*

COUNTIES.	Males.	Females.	Totals.
Berkshire, . . . . .	3	5	8
Bristol, . . . . .	4	2	6
Essex, . . . . .	5	3	8
Franklin, . . . . .	—	1	1
Hampden, . . . . .	7	4	11
Middlesex, . . . . .	7	4	11
Norfolk, . . . . .	2	1	3
Plymouth, . . . . .	3	1	4
Suffolk, . . . . .	26	12	38
Worcester, . . . . .	8	3	11
Totals, . . . . .	65	36	101

7. — *Civil Condition of Persons admitted.*

NUMBER OF THE ADMISSION.	UNMARRIED.			MARRIED.			WIDOWED.			UNKNOWN.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First, . . . . .	53	26	80	9	5	14	1	4	5	2	—	2	65	35	100
Second, . . . . .	1	1	2	—	—	—	—	—	—	—	—	—	1	1	2
Total of cases, . . .	54	27	82	9	5	14	1	4	5	2	—	2	66	36	102
Total of persons, . .	53	27	81	9	5	14	1	4	5	2	—	2	65	36	101

8. — *Occupation of Persons admitted.*

## MALES.

Advertising agent, . . . . .	1	Printer, . . . . .	1
Blacksmith, . . . . .	1	Salesmen, . . . . .	2
Cabinet maker, . . . . .	1	School teacher, . . . . .	1
Cigar makers, . . . . .	2	Upholsterers, . . . . .	2
Clerks, . . . . .	2	Weavers, . . . . .	3
Cook, . . . . .	1	Tailor's cutter, . . . . .	1
Farmers, . . . . .	2	No occupation, . . . . .	33
Janitor, . . . . .	1	Unknown, . . . . .	4
Laborers, . . . . .	7		
Peddler, . . . . .	1	Total, . . . . .	65

## FEMALES.

Domestics, . . . . .	5	Florist, . . . . .	1
Dressmakers, . . . . .	2	Laborer, . . . . .	6
Housewives, . . . . .	8	Machinist, . . . . .	1
School girl, . . . . .	1	Miner, . . . . .	1
No occupation, . . . . .	18	Musician, . . . . .	1
Unknown, . . . . .	2	Painter, . . . . .	1
		Peddler, . . . . .	2
Daughter or wife of—		School teacher, . . . . .	1
Baker, . . . . .	1	Sea captain, . . . . .	1
Blacksmith, . . . . .	1		
Carpenter, . . . . .	3	Total, . . . . .	57
Carriage maker, . . . . .	1		

9. — *Probable Causes of Disease in Persons admitted.*

	INSANE.			SANE.			Totals.
	Males.	Females.	Totals	Males.	Females.	Totals.	
Diphtheria, . . .	1	—	1	—	—	—	1
Dog bite, . . .	—	—	—	1	—	1	1
Fevers, . . . .	—	1	1	—	—	—	1
Gonorrhœa, . . .	—	—	—	—	1	1	1
Heredity, . . .	—	—	—	—	1	1	1
Injury to head, . .	—	—	—	2	2	4	4
Intemperance, . .	1	—	1	1	—	1	2
Measles, . . . .	—	—	—	1	—	1	1
Menstruation, . .	—	—	—	—	3	3	3
Overwork, . . . .	—	—	—	—	1	1	1
Self abuse, . . .	—	—	—	2	—	2	2
Sunstroke, . . . .	—	—	—	1	—	1	1
Tobacco, . . . .	—	—	—	3	—	3	3
Vaccination, . . .	—	—	—	2	—	2	2
Unknown, . . . .	18	3	21	32	24	56	77
Totals, . . . .	20	4	24	45	32	77	101

10. — *Record of Cases admitted within the Year.*

PATIENTS.	INSANE.			SANE.			AGGREGATE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Admitted, . . . . .	20	4	24	46	32	78	66	36	102
Discharged, recovered, . . . . .	—	—	—	—	—	—	—	—	—
much improved, . . . . .	—	—	—	2	—	2	2	—	2
improved, . . . . .	2	—	2	5	6	11	7	6	13
not improved, . . . . .	2	1	3	3	—	3	5	1	6
not epileptic, . . . . .	1	—	1	—	—	—	1	—	1
died, . . . . .	—	—	—	1	—	1	1	—	1
on visit, . . . . .	—	1	1	2	1	3	2	2	4
Remaining Sept. 30, 1899, . . . . .	15	2	17	33	25	58	48	27	75
Number likely to recover, . . . . .	—	—	—	—	4	4	—	4	4
Number likely to improve, . . . . .	1	2	3	7	6	13	8	8	16

11. — *Ages of Epileptics at First Attack, Admission and Death.*

AGES.	PERSONS ADMITTED.						PERSONS DIED.					
	AT FIRST ATTACK.			WHEN ADMITTED.			AT FIRST ATTACK.			AT TIME OF DEATH.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, . . . . .	7	2	9	—	—	—	1	1	2	—	—	—
15 years and less, . . . . .	29	12	41	5	1	6	3	1	4	—	—	—
From 15 to 20 years, . . . . .	11	4	15	17	7	24	1	1	2	—	1	1
20 to 25 years, . . . . .	4	6	10	8	7	15	2	—	2	2	—	2
25 to 30 years, . . . . .	4	3	7	9	8	17	—	—	—	—	—	2
30 to 35 years, . . . . .	1	1	2	9	2	11	—	—	—	1	—	1
35 to 40 years, . . . . .	2	1	3	4	1	5	—	—	—	1	1	2
40 to 50 years, . . . . .	—	1	1	7	6	13	1	—	1	2	—	2
50 to 60 years, . . . . .	1	1	2	4	—	4	2	—	2	3	—	3
60 to 70 years, . . . . .	2	1	3	2	3	5	—	1	1	2	—	2
70 to 80 years, . . . . .	—	—	—	1	1	2	—	1	1	—	1	2
Over 80 years, . . . . .	—	—	—	—	—	—	—	—	—	—	2	1
Unknown, . . . . .	5	4	9	—	—	—	1	—	1	—	—	—
Total of cases, . . . . .	66	36	102	66	36	102	11	6	17	11	6	17
Total of persons, . . . . .	65	36	101	65	36	101	11	6	17	11	6	17
Mean ages, . . . . .	14.75	18.5	16.62	29.1	31.9	30.5	24.0	40.83	32.41	45.0	54.25	49.62

12. — *Reported Duration of Disease before Last Admission.*

PREVIOUS DURATION.	FIRST ADMISSION TO ANY HOSPITAL.			ALL OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, . . . . .	2	2	4	3	—	3	5	2	7
Under 1 month, . . . . .	—	—	—	—	—	—	—	—	—
From 1 to 3 months, . . . . .	—	—	—	—	—	—	—	—	—
3 to 6 months, . . . . .	—	—	—	—	—	—	—	—	—
6 to 12 months, . . . . .	3	1	4	—	—	—	3	1	4
1 to 2 years, . . . . .	2	—	2	—	—	—	2	—	2
2 to 5 years, . . . . .	7	4	11	—	1	1	7	5	12
5 to 10 years, . . . . .	4	5	9	3	5	8	7	10	17
10 to 20 years, . . . . .	19	5	24	4	3	7	23	8	31
Over 20 years, . . . . .	10	7	17	4	1	5	14	8	22
Unknown, . . . . .	1	—	1	4	2	6	5	2	7
Total of cases, . . . . .	48	24	72	18	12	30	66	36	102
Total of persons, . . . . .	48	24	72	17	12	29	65	36	101
Average duration in years, . . . . .	13.95	14.09	14.02	12.32	10.7	11.5	13.13	12.39	12.76

## 14. — Discharges, classified by Admission and Result.

NUMBER OF THE ADMISSION.	RECOVERED.			MUCH IMPROVED.			IMPROVED.			NOT IMPROVED.			NOT EPILEPTIC.			DIED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Insane epileptics : —																					
First, . . . . .	—	—	—	2	—	2	3	4	7	19	12	31	1	—	1	10	6	16	35	22	57
B. — Sane epileptics : —																					
First, . . . . .	—	—	—	2	1	3	11	8	19	4	2	6	—	—	—	1	—	1	18	11	29
Total of cases, . . . . .	—	—	—	4	1	5	14	12	26	23	14	37	1	—	1	11	6	17	53	33	86
Total of persons, . . . . .	—	—	—	4	1	5	14	12	26	23	14	37	1	—	1	11	6	17	53	33	86



15. — *Causes of Death.*

CAUSES.	INSANE.			SANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Nervous system : —									
Epilepsy, . . . . .	—	1	1	—	—	—	—	1	1
Status epilepticus, . . . . .	1	—	1	—	—	—	1	—	1
Cerebral abscesses, . . . . .	1	—	1	—	—	—	1	—	1
Softening of the brain, . . . . .	—	1	1	—	—	—	—	1	1
Paresis, . . . . .	—	1	1	—	—	—	—	1	1
Circulatory system : —									
Central thrombosis, . . . . .	1	—	1	—	—	—	1	—	1
Fatty degeneration of the heart, . . . . .	3	—	3	—	—	—	3	—	3
Digestive system : —									
Perityphilitis, . . . . .	1	—	1	—	—	—	1	—	1
Genito-urinary system : —									
Chronic diffuse nephritis, . . . . .	1	—	1	—	—	—	1	—	1
Chronic interstitial nephritis, . . . . .	—	1	1	—	—	—	—	1	1
Respiratory system : —									
Pulmonary tuberculosis, . . . . .	2	—	2	—	—	—	2	—	2
General : —									
Carcinoma, . . . . .	—	1	1	—	—	—	—	1	1
Malnutrition and exhaustion, . . . . .	—	—	—	1	—	1	1	—	1
Senility, . . . . .	2	1	1	—	—	—	—	1	1
Totals, . . . . .	10	6	16	1	—	1	11	6	17

## 17. — Deaths, classified by Duration of Disease and Treatment.

PERIOD.	LAST ATTACK.						ALL ATTACKS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION OF ATTACK.			WHOLE KNOWN PERIOD OF DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Epileptic:—												
Congenital, . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
Under 1 month, . . . . .	—	—	—	1	—	1	—	—	—	1	—	1
From 1 to 3 months, . . . . .	—	—	—	2	1	3	—	—	—	2	1	3
3 to 6 months, . . . . .	—	—	—	1	1	2	—	—	—	1	1	2
6 to 12 months, . . . . .	—	—	—	3	3	6	—	—	—	3	3	6
1 to 2 years, . . . . .	1	1	2	4	1	5	—	—	1	4	1	5
2 to 5 years, . . . . .	1	2	3	—	—	—	1	2	3	—	—	—
5 to 10 years, . . . . .	—	—	—	—	—	—	1	—	1	—	—	—
10 to 20 years, . . . . .	4	1	5	4	1	5	4	1	5	—	—	—
Over 20 years, . . . . .	4	1	5	4	1	5	4	1	5	—	—	—
Unknown, . . . . .	1	1	2	—	—	—	1	1	2	—	—	—
Totals, . . . . .	11	6	17	11	6	17	11	6	17	11	6	17
Average in months, . . . . .	206.6	134.4	175.8	9.54	8.16	9.47	216.14	142.56	178.35	216.14	142.56	178.55
										13.47	9.17	11.32



<i>Amount brought forward,</i>	.	.	.	.	.	.	\$7,230 32
11 $\frac{3}{4}$ tons cabbages,	.	.	.	.	.	.	117 50
400 bushels turnips,	.	.	.	.	.	.	200 00
250 bushels table beets,	.	.	.	.	.	.	156 00
150 barrels apples,	.	.	.	.	.	.	375 00
301 pounds grapes,	.	.	.	.	.	.	6 02
117 water melons,	.	.	.	.	.	.	11 70
66 musk melons,	.	.	.	.	.	.	6 60
327 bushels onions,	.	.	.	.	.	.	163 50
14 bushels crab apples,	.	.	.	.	.	.	14 00
50 bushels cider apples,	.	.	.	.	.	.	10 00
400 pounds tobacco,	.	.	.	.	.	.	80 00
150 pounds wool,	.	.	.	.	.	.	30 00
324 pounds lamb,	.	.	.	.	.	.	66 61
3,458 pounds pork,	.	.	.	.	.	.	178 06
620 pounds beef,	.	.	.	.	.	.	49 60
237 pounds veal,	.	.	.	.	.	.	23 70
45 $\frac{1}{2}$ pounds lard,	.	.	.	.	.	.	2 70
139 $\frac{3}{4}$ pounds chicken,	.	.	.	.	.	.	20 96
182 pounds fowl,	.	.	.	.	.	.	10 84
800 pounds salt pork sold,	.	.	.	.	.	.	48 50
18 calves sold,	.	.	.	.	.	.	28 00
90 pigs sold,	.	.	.	.	.	.	270 92
1,723 pounds round hog sold,	.	.	.	.	.	.	86 25
12 lamb pelts sold,	.	.	.	.	.	.	4 30
18 pounds cow hides sold,	.	.	.	.	.	.	5 20
3 pounds calf skins sold,	.	.	.	.	.	.	3 70
27 pounds tallow sold,	.	.	.	.	.	.	0 54
6 dozen tomato plants sold,	.	.	.	.	.	.	0 60
2 bushels green tomatoes,	.	.	.	.	.	.	1 00
Total,	.	.	.	.	.	.	\$9,202 12

## ARTICLES MADE IN THE SEWING ROOM AND ON THE WARDS.

---

Sheets, . . . . .	475	Dresses, . . . . .	117
Pillow cases, . . . . .	145	Aprons, . . . . .	309
Pillow ticks, . . . . .	75	Skirts, . . . . .	131
Table cloths, . . . . .	34	Night dresses, . . . . .	117
Napkins, . . . . .	256	Chemises, . . . . .	72
Curtains, . . . . .	72	Drawers, pairs, . . . . .	163
Bureau covers, . . . . .	32	Coats, . . . . .	3
Commode covers, . . . . .	2	Frocks, . . . . .	13
Towels, . . . . .	636	Bibs, . . . . .	12
Clothes bags, . . . . .	20	Suspenders, pairs, . . . . .	55
Rugs, . . . . .	44	Garters, pairs, . . . . .	28
Dusters, . . . . .	37	Shirts, . . . . .	129
Oven cloths, . . . . .	5	Overalls, pairs, . . . . .	27
Camphor bags, . . . . .	100	Trousers, pairs, . . . . .	5
Floor swabs, . . . . .	215	Vests, . . . . .	3
Scrub cloths, . . . . .	86	Stockings, pairs, . . . . .	5
Holdings, . . . . .	60	Night shirts, . . . . .	61
Screen fillings, . . . . .	10	Neckties, . . . . .	9
Stretcher, . . . . .	1	Mittens, pairs, . . . . .	72
Carriage covers, . . . . .	5	Blouses, . . . . .	10
Strainers, . . . . .	2	Bandages, . . . . .	98
Tea and coffee bags, . . . . .	15	Caps, . . . . .	10
Telephone cover, . . . . .	1	Corset waists, . . . . .	15
Violin case, . . . . .	1	Suits for burial, . . . . .	8

## ARTICLES MADE AND REPAIRED IN INDUSTRIAL ROOM.

---

Shoes, pairs, . . . . .	6	Checker boards, . . . . .	8
Slippers, pairs, . . . . .	30	Shoe benches, . . . . .	2
Shoes repaired, pairs, . . . . .	431	Shoe rack, . . . . .	1
Harnesses repaired, . . . . .	4	Pillows renovated, . . . . .	250
Blanks printed, . . . . .	26,925	Tag holders, . . . . .	335
Overalls, pairs, . . . . .	101	Whisk brooms, resewed, . . . . .	64
Derim frocks, . . . . .	27	Razor straps, . . . . .	2
Suits, . . . . .	5	Boxes covered, . . . . .	4
Trousers, pairs, . . . . .	7	Razor straps repaired, . . . . .	10
Chairs repaired, . . . . .	511	Bases for base ball nine, . . . . .	3
Carriage repaired, . . . . .	1	Curtains repaired, . . . . .	50
Type rack, . . . . .	1	Weekly paper, copies, . . . . .	1,600
Tables, . . . . .	2	13 weeks, 200 copies printed	
Boxes, . . . . .	3	at each issue.	
Crumb scrapers, . . . . .	8		

## LIST OF PERSONS

REGULARLY EMPLOYED AT THE MASSACHUSETTS HOSPITAL FOR  
EPILEPTICS.

---

Superintendent, per year, . . . . .	\$2,500 00
Assistant physician, per year, . . . . .	1,250 00
Treasurer, per year, . . . . .	300 00
Clerk, per year, . . . . .	400 00
Stenographer, per month, . . . . .	30 00
Steward and storekeeper, per month, . . . . .	50 00
Pharmacist, per month, . . . . .	30 00
Night attendants (men, 2), per month, . . . . .	27 00
Attendants (men, 9), per month, . . . . .	\$20 00—27 00
Night attendants (women, 2), per month, . . . . .	18 00
Attendants (women, 9), per month, . . . . .	14 00—22 00
Engineer, per year, . . . . .	850 00
Assistant engineer, per month, . . . . .	50 00
Fireman, per month, . . . . .	28 00
Helper, per month, . . . . .	30 00
Watchman, per month, . . . . .	30 00
Baker, per month, . . . . .	30 00
Cooks (4), per month, . . . . .	20 00—25 00
Assistant cooks (2), per month, . . . . .	16 00—18 00
Table girls (2), per month, . . . . .	16 00—18 00
Foreman industrial room, per month, . . . . .	27 00
Seamstress, per month, . . . . .	25 00
Laundress, per month, . . . . .	20 00
Laundryman, per month, . . . . .	25 00
Assistant laundresses (2), per month, . . . . .	17 00—18 00
Farmer, per year, . . . . .	650 00
Assistant farmers (9), per month, . . . . .	20 00—28 00
Handy man, per month, . . . . .	33 00
Gardener, per month, . . . . .	40 00
Driver, per month, . . . . .	28 00
Carpenter, per day, . . . . .	2 50
Painter, per day, . . . . .	1 75

